

Appl. No. 10/801,498  
Response to Office Action Dated February 27, 2006

### **REMARKS**

#### **Office Action, Section 1**

The drawings are object to under 37 CFR 1.83(a), where it is stated that the drawings must show every feature of the invention specified in the claims, and the control of the transistors as a function of the current as recited by independent claims 22 and 30 must be show or the feature canceled from the claims.

Claims 22 and 30 have been amended to include the limitation of the dependent claims and thus have overcome this objection.

#### **Office Action, Section 2**

Claims 21, 25, 29 and 33 are objected to because they recited that the indication signal is the on-time or off-time duration of the Vds in a present cycle which is in direct conflict the recitation in parent claims 2, 23, 27, and 31 that the indication signal is the on-time or off-time duration of Vds in a previous cycle.

Claims 21, 25, 29, and 33 and the claims that they are dependent from have been amended to allow the methods or devices of the present invention as claimed to use information from both the present cycles and the previous cycles. Thus, it would not be conflicting to use information from both present and previous cycles.

#### **Office Action, Sections 3-4**

Claims 1, 2, 4 and 21-33 are rejected under 35 U.S.C. 102(b) as being anticipated by Yee (US 6,055,170).

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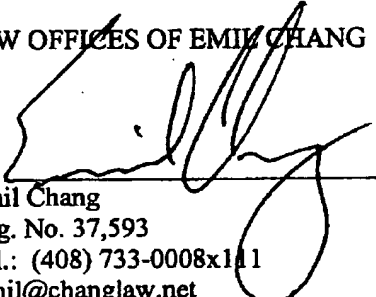
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The independent claims of this invention have been amended to recite, in the respective device claims or the method claims, that the transistor is operated upon as a function of the Vds information in the present cycle. Yee does not discuss such methods or devices involving using information from the present cycle. Yee further does not discuss using the duration of the Vds current or voltage potential of the present cycle. Thus, Yee does not anticipate the present invention as claimed.

Each section of the Office Action has been addressed. Applicants respectfully request that the Examiner considers the amendments and allows the application. If any matters can be resolved by telephone, applicants request that the Patent and Trademark Office calls the attorney representing the applicant at the telephone number listed below. Thank you.

Respectfully submitted,

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